

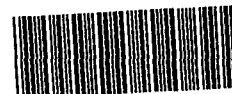
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE 16 MAY 1985

SUBJECT Quarterly Report - Ordot Landfill, Guam
January 1985 - March 1985

0000035

FROM Marvin Young *Marvin Young*
Regional Project Manager (T-4-3)



SDMS Doc ID 2003537

TO Jerry Clifford, Chief
Remedial Response Section (T-4-3)

I. PROJECT SUMMARY

Region 9 proposed to delete Ordot Landfill from the NPL in FY-85 based on the findings and recommendation of the remedial investigation. In March 1985, the Region decided not to proceed with deleting Ordot from the NPL and budgeted \$500,000 for further remedial investigation of the site in the 4th quarter of FY-85. This decision was based on a review of the deleting requirements in light of more recent Agency experience in responding at sites where conditions were similar. The next phase of the investigation will include consideration of potential ground water contamination posed by the site. *now 1st Q FY 86*

On April 1, 1985, the role of Regional Project Manager was transferred to Tom Mix.

II. DISCUSSION

The Ordot Landfill was nominated for inclusion on the NPL as the state's highest priority site by the Territorial government of Guam. The nomination was based on the past history of the site. The site has been in operation over 40 years, and until recently was operated as an open dump. The Ordot Landfill was used by the Japanese during their occupation of Guam in World War II, and the U.S. military operated the site after their take-over until the mid-1950's. The government of Guam has been responsible for operating the landfill since then.

Region 9 conducted a remedial investigation at Ordot in November 1982. The study focused on the potential contamination of surface waters based on available information. The release of contaminants from Ordot Landfill into surface waters which discharge into Pago Bay, and the potential impact on marine resources was of primary concern. In addition, the site is located above a relatively impermeable geologic formation and is separated from the upgradient north Guam aquifer area by a geologic fault. *Drinking water.*

The remedial investigation report dated May 1983, described a leachate stream that flowed into a nearby stream. The leachate stream contained invertebrates and other flora and fauna and did not appear to negatively impact the environment. Leachate analyses indicated the presence of a few priority pollutants at relatively

low levels and relatively high levels of certain inorganic priority pollutants including aluminum, iron, and manganese. Copper and zinc exceeded established limits for toxicity to aquatic life by 2 to 3 times in some samples; however, duplicate samples did not confirm all levels. The samples were taken in relatively quiescent areas and concentrations would probably be significantly reduced downstream where mixing is active and dilution would occur.

The recommendation in the remedial investigation report is for no remedial action under CERCLA at this time because of the low levels of contamination detected in surface water, ground water, and soil samples. Because the potential exists for the landfill to become a significant source of pollution, continuation of the present GEPA surface water monitoring program to detect any significant deterioration in water quality was encouraged.

III. ISSUES

There are no issues at this time.

IV. FUTURE DATES/ACTIONS

Region 9 will initiate another phase of the remedial investigation of Ordot Landfill in the 4th quarter of FY-85.

Jerry I Marvin:

Let's set up meeting.
We need to inform GU that
we will do RI/FS. We
should tell them that it
may result in not only
cleanup alternatives that we
pay for, but also significant
changes in the way they
operate the facility and
significant O&M costs.

In light of this, does GU
want us to proceed?
If not, GU must withdraw
#1 site designation.

Ken L